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|--|---------------------------------------|----------------------------|
|  | <b>Environmental Scoping Proforma</b> | Ref: EN-HSE-EN-F1 Ver: 1.1 |
|  |                                       | Date: 10/10/2016           |
|  |                                       | Area 7                     |

Section A must be completed in full by the Project Development Team, failure to do so may result in delays to programme.

As much relevant information as possible must also be completed and attached to this form when forwarding to the Environment team, together with all relevant information submitted during the Value Management Process and prior to the final scoring workshop.

|   |  |
|---|--|
| Name and address of Environmental Specialist (include contact number) |  |
|---|--|

## SECTION A (to be completed by project development team)

### 1. Project Information

1a Essential Scheme information - Please complete in full

|                                   |  |   |                   |
|-----------------------------------|--|---|-------------------|
| Scheme Name:                      | M1/160.60/- Coalville-Leicester Railway (Disused) - Concrete Testing | Preferred Response Date (min 28 day response period): | 28 days           |
| Scheme Reference & Activity Code: | TBC  | Scheme Type (e.g. renewal, improvement etc.):         | Structures Renwal |
| Return To:                        |  | Proposed Site Working Hours (if known):               | 08:00 – 17:00     |
| Project Manager:                  | TBC  | Duration of Works:                                    | 4 or 5 shifts     |
| Scheme Value:                     | TBC  |   |                   |

|  |           |
|--|-----------|
| Below are the documents and information required to enable the Environmental Assessment to progress.   | Checklist |
| 1a. Cost Reimbursable Brief  | No        |
| 1b. Location plan with scheme extent   | Yes       |
| 1c. General Arrangement Drawing (PDF)  | Yes       |
| <p>1d. Describe the nature and size of the scheme, please list all potential construction activities: (E.g. Traditional resurfacing, repave, deep recycling, hydrodem, excavations, trenchless technology etc.)</p> <p>Undertake concrete testing to;</p> <p>1. M1, Coalville-Leicester Railway (Disused), public footpath now runs underneath the structure.</p> <p>These testing works will be restricted to the underneath of the bridge only, and to ensure all areas of the beams (testing areas) can be accessed, access equipment such as elevated working platforms will be in use. Works will require a hand-held drill in order to acquire concrete dust samples for testing, all other testing works will be non-destructive in nature.</p> |           |

Please return partially completed form along with appropriately sized plan indicating location and extent of the works and any other relevant information (e.g. photos if available, proposed designs) to the Environment Team.

**SECTION B (to be completed by Environment Team)**
**10. Desk Study**

10a. Constraints Map

Date Produced:

10b. Environmental Constraints table (Add rows as required)

| Receptor  | Location                     | Designation | Category/Dataset                                      | Record Date | Potential Impact  |
|---|------------------------------|-------------|---|-------------|---|
| Badger  | Appendix A                   | Statutory   | A-one+ Watchmen                                       | 2010 - 2013 | Potential to disturb, injure or kill a protected species.                           |
| A number of sightings in woodland connecting to the soft estate | Pink badger symbol           |             |   |             |   |
| Badger Sett - at Kirby Muxloe                                   | Appendix A                   | Statutory   | Leicestershire and Rutland Environment Records Centre | 1992 - 1993 | Potential to disturb, injure or kill a protected species or block access to a sett. |
|   | Annotated pink badger symbol |             |   |             |   |
| Badger sett – in a field off Sacheverell Way                    | Appendix A                   | Statutory   | Leicestershire and Rutland Environment Records Centre | 2004        | No impact anticipated due to the distance from the proposed works.                  |
|   | Annotated pink badger symbol |             |   |             |   |
| White Clawed Crayfish   | Appendix A                   | Statutory   | A-one+ Watchmen                                       | 2006 - 2014 | No impact anticipated due to the distance from the proposed works.                  |
|   | Peach invertebrate symbol    |             |   |             |   |
| Kingfisher and Grey Wagtail                                     | Appendix A                   | Statutory   | A-one+ Watchmen                                       | 2014        | No impact anticipated due to the distance from the proposed works.                  |
|   | Annotated blue bird symbol   |             |   |             |   |
| Bat - Vespertilionidae  | Appendix A                   | Statutory   | A-one+ Watchmen                                       | 2006        | No impact anticipated due to the distance from the proposed works.                  |
|   | Yellow bat symbol            |             |   |             |   |
| Slow Worm   | Appendix A                   | Statutory   | A-one+ Watchmen                                       | 2006        | No impact anticipated due to the distance from                                      |
|   | Annotated purple             |             |   |             |   |

|                                       |                                      |               |                    |              |   |
|---------------------------------------|--------------------------------------|---------------|--------------------|--------------|---|
| remains of Iron Age settlement        |                                      |               |                    |              |   |
| AQMA                                  | Appendix A<br>Purply striped polygon | Statutory     | DEFRA              | N/A          | Works are not anticipated to affect long term AQMA targets.   |
| Historic Landfill                     | Appendix A<br>Red hatched polygons   | Non-statutory | Environment Agency | 1959<br>1994 | No impact anticipated due to the distance from the proposed works.                                      |
| Noise Action Planning Important Areas | Appendix A<br>Orange rounded polygon | Non-statutory | DEFRA              | N/A          | No impact anticipated due to the distance from the proposed works.                                      |
| Flood Zones 2 and 3                   | Appendix A                           | Non-statutory | Environment Agency | N/A          | No risk of increasing the incidence or severity of flooding.  |
| Bridge<br><br>Structure number: 160.6 | Not mapped                           | Non-statutory | HE                 | 2019         | Potential to disturb, injure or kill a protected species – bats and potential to disturb nesting birds. |

**10c. Site Visit Summary:**

Site visit carried out on 13/11/2019 to assess the bridge (160.60) for its bat roost potential. The bridge was thoroughly inspected in all areas where bats may access the bridge and found no signs of activity and the bridge was confirmed to have low bat roost potential. Numerous bird nests (disused at the time of the survey – November) found along the bearing shelf. Methods will need to be taken to reduce impact, see table 16 below.

10d. If further survey is required, provide details and justification.

Carried out by: [REDACTED] Date: 13/11/2019

**11. Environmental Assessment Screening**


|  |     |
|--|-----|
| <b>11a.</b> Is the area of the scheme 1 hectare or more? (include compounds, storage, tipping areas, etc.)   | No  |
| <b>11b.</b> Is the scheme maintenance only?  | Yes |
| <b>11c.</b> Is the scheme in, or does it abut, a sensitive area? (Examples of designated sites include but are not limited to SSSI, SPA, SAC, National Parks, AONB, World Heritage Sites, Scheduled Monuments, Ramsar, listed buildings, battlefields, etc.) | No  |
| <b>11d.</b> Will any of these be adversely affected by the scheme?   | No  |

|   |    |
|---|----|
| 15a. Is there scope for compensatory mitigation or environmental improvement?               | No |
| 15b. Is replacement planting or seed mixture required?                                      | No |
| 15c. Will it be necessary to consider the position of vegetation in relation to the design? | No |

## 16. Summary

The following additional risks are to be considered in the designers' environmental risk assessment. These will form the basis of any future review of scheme related information.

| Activity  | Risk   | Control   |
|-----------|--|---|
| All works | Potential to disturb a protected species – Badger – including damage, destruction or blocking access to setts. | <p>Ensure works method statement includes control measures.</p> <p>All task lighting must be directed away from the soft estate.</p> <p>Check the area for mammal burrows before allowing vehicles to park on soft ground.</p> <p>Please ensure that any Badger sightings are reported to the EMAD Environment Team for their records.</p> <p>Under no circumstances must site personnel approach any Badgers that enter the works areas.</p> |
| All works | Potential to disturb a protected species - Bat - including damage, destruction or blocking access to roosts.   | <p>Works to proceed with caution.</p> <p>Elevated working platforms to be removed after every shift to avoid disturbing bat flight paths unnecessarily.</p> <p>Any task lighting required should be directed away from the soft estate and onto the works area using suitable hoods.</p> <p>No parking of plant or equipment on the soft estate.</p> <p>In the event bats are observed emerging from any structure within the scheme</p>      |

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|  |                                       | Area 7                     |

**Section C (to be completed by Project Development Team)**

|   |                      |                  |
|---|----------------------|------------------|
| <b>21. Project Development Team received</b>  | Initials: [REDACTED] | Date: 20/11/2019 |
| If Yes to Q19 – please review and send the information required at the earliest opportunity |                      |                  |

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| <b>22. Has information been returned to the Environmental Advisor?</b> | N/A |
|--|-----|

|  |     |
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| <b>23. Have all risks been transferred to the handover pack to be sent to the Design Contractor?</b> | Yes |
|--|-----|

**Section D (to be signed and returned to the Environmental Specialist)**

|  |                   |                         |
|--|-------------------|-------------------------|
| <b>24. Produced (Project Development - signature):</b><br>[REDACTED] | Date:<br>20/11/19 | Initials:<br>[REDACTED] |
|--|-------------------|-------------------------|

|   |       |           |
|---|-------|-----------|
| <b>25. Checked (Environment - Signature):</b> | Date: | Initials: |
|---|-------|-----------|

|                                    |       |           |
|------------------------------------|-------|-----------|
| <b>26. Authorised (Signature):</b> | Date: | Initials: |
|------------------------------------|-------|-----------|

|                           |                    |   |   |
|---------------------------|--------------------|---|---|
| Authorisers listed below: |                    |   |   |
| Environmental Manager     | Specialist Manager | X | X |